

HB80/110

SERENE Glass Door Cooler



serene[®]
from SKOPE



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Thank you for purchasing a SKOPE refrigeration product.

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1 Installation

Safety First Always observe safety precautions when using any electrical appliance. Read these instructions carefully and retain them for future reference.

- When the appliance is used by or near young children or infirm persons, close supervision is necessary, especially to ensure children do not play with it.
- Do **not** use this appliance for other than its intended use.
- Do **not** cover the grilles or block the entry or exhaust of airflow by placing objects up against the refrigeration system.
- Do **not** probe any opening.
- Only use this appliance with the voltage specified on the cabinet rating label affixed to the appliance.
- Ensure the appliance has adequate ventilation as this is essential to economical, high performance.
- Be careful not to touch moving parts and hot surfaces.
- For your own safety and that of others, ensure that all electrical work is done by authorised personnel.
- If the power supply flexible cord becomes damaged, it must be replaced by an authorised service agent or similarly qualified person in order to avoid a hazard.
- This appliance is not designed to be stable in motion. Use extreme caution when moving or transporting it.
- Ensure all necessary safety precautions are observed during installation or removal of the appliance.
- Do **not** store explosive substances such as aerosol cans with a flammable propellant in this appliance.

WARNING

Always disconnect the cooler from the mains power supply before cleaning or maintenance.

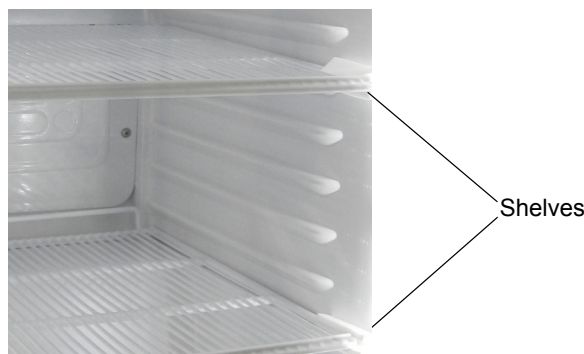
CAUTION

Never overload the power supply, which could damage the cooler and product. See the rating label inside the cabinet for the safe power supply and current draw.

Unpacking

Remove all packing material from the inside and outside of the cabinet, including the foam base and all adhesive tape holding the cabinet accessories.

Shelves Model HB80 is supplied with two shelves. Model HB110 is supplied with three shelves. Remove the packing material and then position the shelves into the cabinet at the desired heights (see Figure 1 below). The bottom shelf on model HB80 has hooks on the back which lock the shelf in position. The two top shelves on model HB110 have hooks on the back which lock the shelves in position.



Positioning

Power Supply The cooler is supplied with a power cord fitted with a 3-pin plug, which exits behind the refrigeration system. The power cord should be retrieved before the cabinet is positioned. Ensure the power supply can be easily accessed once the cabinet is positioned so the cabinet can be disconnected from the power supply for cleaning and maintenance.

Ventilation Ensure adequate ventilation is provided around the cooler. The cooler should not be recessed or enclosed in a cabinet. It is designed for free-standing installation only. The recommended clearance on both sides and at the back of the cabinet is 50mm. The maximum normal operating conditions are 32°C (climatic class 5).

Location When positioning the cabinet:

- ▣ Avoid direct sunlight and warm draughts etc.
- ▣ Allow adequate space for the door to open fully.
- ▣ Ensure the cabinet is positioned on a level surface so the door shuts and seals correctly, and to prevent the condensate tray from overflowing.

Levelling This cooler has a stabiliser foot located underneath the door hinge. After final positioning, the stabiliser foot should be screwed firmly down to floor level to stabilise the cabinet. Turn the stabiliser foot clockwise to raise the cabinet or anti-clockwise to lower the cabinet.

2 Operation

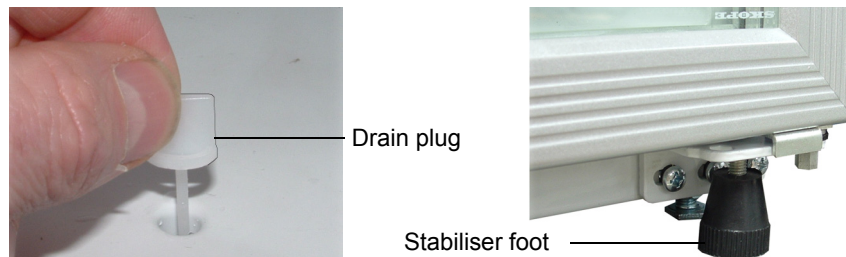
Cabinet Operation

If the cooler has been disconnected from the power supply for any reason, allow about 10 minutes before switching it back on. This allows the refrigeration system pressure to equalise before the system is restarted.

Before operating the cooler, ensure:

- The cooler is positioned on a level surface.
- The maximum operating temperature is no greater than 32°C.
- There is adequate ventilation around the refrigeration system.
- There is a gap of at least 50mm around the cabinet.
- The plastic drain pin (included in the bag with the user manual) is placed into the drain hole at the bottom of the cabinet (see image below). This prevents objects from covering the drain hole.
- The cabinet stabiliser foot is screwed firmly down to floor level (see image below).
- The cooler is allowed to stand for at least 30 minutes before connecting to the power supply.

While the cooler is operating it is normal to hear gurgling sounds caused by the flow of refrigerant when each cooling cycle ends.



Refrigeration System The evaporator fan (located inside the cabinet) should operate continuously from the time the cabinet is plugged in. This may be verified by checking for air movement inside the cabinet. The thermostat will click when the refrigeration system cycles on and off.

Cabinet Light The cabinet interior light is controlled by the light switch next to the thermostat knob inside the cabinet (see Figure 4 on page 9). The fluorescent light will require a period of time to stabilise following initial start up. See page 10 for instructions on replacing the fluorescent lamp.

Loading The cooler should be left running for 30 minutes to allow the cabinet to cool down before loading with product. When loading the cabinet shelves with product:

- Allow air space around all the product for even cooling and efficient operation of the cooler.
- Do not exceed a maximum of 30 kg per shelf.
- Do not allow products to overhang the front or rear of the shelves, as this will affect air flow.
- Do not obstruct air flow from the evaporator fan (inside the cabinet).
- Do not block the drain hole inside the cabinet.

Temperature Adjustment

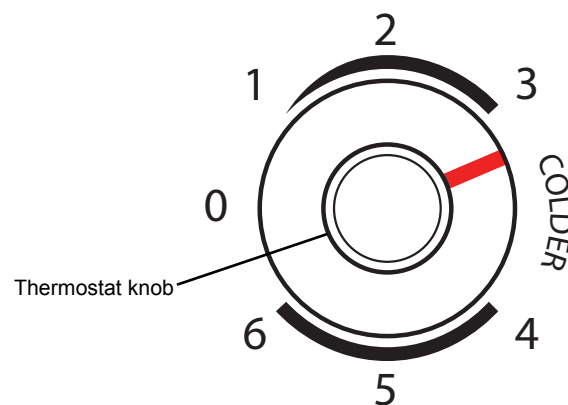
The storage temperature of the cooler is regulated by a thermostat located at the back of the cabinet interior. The thermostat temperature setting is preset at the factory and should not require adjustment.

The thermostat knob is graduated from 0 through to 6, with 1 being the warmest and 6 being the coldest. The normal temperature controller setting is between 2 and 3.

If further adjustment is required:

- ▣ To make colder - turn the thermostat knob clockwise.
- ▣ To make warmer - turn the thermostat knob anti-clockwise.

Note: Turning the knob to '0' will switch the refrigeration system off.



3 Maintenance

Cleaning

Cabinet Many commercially available cleaning products contain solvents that may attack the plastic components of this product and cause them to crack. It is important to use only warm water and a small amount of detergent when cleaning this cooler. Do not use abrasive or corrosive cleaners or boiling water.

- Disconnect the cabinet from the power supply before cleaning.
- When necessary, wipe both the interior and exterior of the cabinet with a damp cloth.
- Do **NOT** flush the cabinet with water.
- Clean the door gasket once every three months.
- Periodically check the condensation drain hole inside the cabinet, to ensure proper drainage of any condensation.

Condenser Coil The condenser coil is located at the back of the cabinet and should be brushed regularly to remove any dust build up. Disconnect the cabinet from the power supply before cleaning the condenser coil.



Interior Light

The cabinet interior light is fitted with a 5 Watt fluorescent lamp (Osram 5W840).

To replace the interior light tube

1. Disconnect the cabinet from the mains power supply.
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2. Remove the light cover by carefully bending out the side clips.



3. Pull the fluorescent lamp out of the lamp holder.



4. Replace with a maximum 5 Watt fluorescent lamp.
 5. Carefully align the side clips on the light cover and fit back into place.
 6. Reconnect the cabinet to the mains power supply.
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HB80/110
SERENE Glass Door Cooler
User Manual
MAN10601
Rev. 5.1 Oct. 2014

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